

## U.S. DEPARTMENT OF COMMERCE PATENT &amp; TRADEMARK OFFICE

B/O Form PTO-1390 <b>Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 USC 371</b>		<i>Attorney's Docket Number</i> MICH3006 /FJD <i>U.S. Application Number (if known)</i> <b>107583357</b>
International Application Number <b>PCT/EP2004/053459</b>	International Filing Date <b>14 Dec. 2004</b>	Priority Date Claimed <b>17 Dec. 2003</b>
Title of Invention <b>Method and apparatus for optimizing emission in pulse echo methods</b>		
Applicant(s) for DO/EO/US <b>Bernhard Michalski</b>		
<b>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items under 35 USC 371:</b>		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under <b>35 USC 371</b>.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under <b>35 USC 371</b>.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (<b>35 USC 371(f)</b>) at any time rather than delay examination until the expiration of the applicable time limit set in <b>35 USC 371(b)</b> and PCT Articles 22 and 39(1).</li> <li>4. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed <b>35 USC 371(c)(2)</b>.             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> A translation of the International Application into English (<b>35 USC 371(c)(2)</b>).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (<b>35 USC 371(c)(3)</b>)             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (<b>35 USC 371(c)(3)</b>).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (<b>35 USC 371(c)(4)</b>). ( <input type="checkbox"/> Executed      <input type="checkbox"/> Unexecuted)</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (<b>35 USC 371(c)(5)</b>).</li> </ol>		
<p><b><i>Items 11 to 16 below concern other document(s) or information included:</i></b></p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under <b>37 CFR 1.97</b> and <b>1.98</b>.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with <b>37 CFR 3.28</b> and <b>3.31</b> is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under <b>37 CFR 1.76</b>.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input checked="" type="checkbox"/> Priority is claimed for German application no. 10359534.1 with a filing date of 17 Dec. 2003.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under <b>35 U.S.C. 154(d)(4)</b>.</li> <li>19. <input type="checkbox"/> A second copy of the English translation of the international application under <b>35 U.S.C. 154(d)(4)</b></li> <li>20. <input checked="" type="checkbox"/> Other items or information:      a copy of the International Application WO 2005/062002 A1</li> </ol>		

<i>Application Number (if Known)</i> <b>10/583357</b>		<i>International Application Number</i> <b>PCT/EP2004/053459</b>		<i>Attorney's Docket Number</i> <b>MICH3006/FJD</b>																						
				<b>Calculations</b>	<b>PTO USE</b>																					
<p>21. The following fees are submitted:</p> <table> <tr> <td><input checked="" type="checkbox"/> a) Basic national fee.....</td> <td>\$300.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee .....</td> <td>\$200.00</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> c) Search Fee:</td> </tr> <tr> <td colspan="2">□ If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....</td> <td>\$0.00</td> </tr> <tr> <td colspan="2">□ Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....</td> <td>\$100.00</td> </tr> <tr> <td colspan="2">☒ International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB .....</td> <td>\$400.00</td> </tr> <tr> <td colspan="2">□ All other situations.....</td> <td>\$500.00</td> </tr> <tr> <td colspan="2">□ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fractions thereof.</td> <td></td> </tr> </table>				<input checked="" type="checkbox"/> a) Basic national fee.....	\$300.00	<input checked="" type="checkbox"/> b) Examination fee .....	\$200.00	<input checked="" type="checkbox"/> c) Search Fee:		□ If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....		\$0.00	□ Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....		\$100.00	☒ International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB .....		\$400.00	□ All other situations.....		\$500.00	□ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fractions thereof.			<b>\$500.00</b>	
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<b>Total Sheets</b>	<b>Extra sheets</b>	<b>Number of each additional 50 or fractions thereof (round up to a whole number)</b>	<b>RATE</b>																							
- 100 =	/50=		x \$250.00																							
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																										
<b>CLAIMS</b>	<b>NUMBER</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>																							
Total Claims	20	-20 = 0	x \$50.00																							
Independent Claims	5	-3 = 2	x \$200.00	\$ 400.00																						
Multiple Dependent Claims (if applicable)				+ \$360.00																						
<b>TOTAL OF ABOVE CALCULATIONS</b>																										
□ Reduction by ½ for filing by small entity, if applicable. Small Entity Status is asserted pursuant to 37 CFR 1.27 for this application.																										
<b>SUBTOTAL</b>																										
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																										
<b>TOTAL NATIONAL FEE</b>																										
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property.																										
<b>TOTAL FEES ENCLOSED</b>				<b>\$ 1,300.00</b>																						
				Amount to be:	Refunded: Charged:																					

- a.  A check in the amount of \$ 1300 to cover the fees is enclosed.
- b.  Please charge my Deposit Account Number **02-0200** in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account Number **02-0200**. A duplicate copy of this sheet is enclosed.

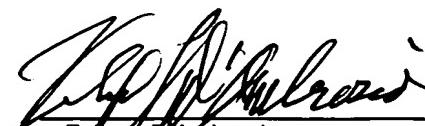
Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

**23364**

Customer Number

Phone: (703) 683-0500

*Respectfully submitted,*



Felix J. D'Ambrusio  
Attorney for Applicant  
Registration Number: 25,721

DATE: June 19, 2006